

1 IN THE CLAIMS:

2 Please amend the claims as follows:

3 Claims 1-8 (Previously Canceled)

4 9. (Previously amended and currently amended)

5 A threaded insert for insertion in a hole in a workpiece, the workpiece having a first side  
6 and a second side, the hole having a hexagonal cross-section, said threaded insert comprising:

7 a first flange for being retained on the first side of the workpiece;

8 a hollow body, comprising a first section and an axially adjacent second section, the first  
9 section having a proximal end attached to the first flange and a distal end wherein the first  
10 section integrally transitions into the second section, said first section having six sides, the  
11 sides extending axially from the proximal end to the distal end, the sides, in cross-section,  
12 defining a hexagon, said first section adapted to be inserted through and restrained from  
13 rotation by said hole, wherein at least three vertices of the hexagon each has a split  
14 extending axially along the respective vertex wherein the splits are phased 120 degrees  
15 apart, said first section plastically deformable to form an enlarged portion on the second  
16 side; and

17 the second section having internal threads adapted to receive a threaded fastener.

18 10. (Original)

19 The insert of claim 9 wherein the second side is blind.

20 11. (Original)

21 The insert of claim 9 wherein the second section is round.

22 12. (Original)

23 The insert of claim 9 wherein the second section has a closed end.

24 13. (Original)

25 The insert of claim 9 wherein a sealing material is affixed to the underside of the first  
26 flange adjacent to the first side of the workpiece.

27 14. (Original)

The insert of claim wherein the sealing material comprises polyvinyl chloride foam.

15. (Previously Canceled)

16. (Original)

The insert of claim 9 wherein a split is located along each vertex of the hexagon.

17. (Previously Canceled)

18. (Canceled)

19. (Previously Canceled)

1 20. (Original)

2 A threaded insert for insertion in a hole in a workpiece, the workpiece having a first side  
3 and a second side, the hole having a hexagonal cross-section, said threaded insert comprising:  
4 a first flange for being retained on the first side of the workpiece;  
5 a hollow body, comprising a first section and an axially adjacent round second section, the  
6 first section having a proximal end attached to the first flange and a distal end wherein the  
7 first section integrally transitions into the second section, said first section having six  
8 sides, the sides extending axially from the proximal end to the distal end, the sides, in  
9 cross-section, defining a hexagon, said first section adapted to be inserted through and  
10 restrained from rotation by said hole, a split extending axially along each of three vertices  
11 of the hexagon, wherein the splits are 120 degrees apart, said first section plastically  
12 deformable to form an enlarged portion on the second side; and  
13 the second section having internal threads adapted to receive a threaded fastener.

11 21. (Original)

12 The insert of claim 20 wherein the second side is blind.

12 22. (Original)

13 The insert of claim 20 wherein the second section has a closed end.

14 23. (Original)

15 The insert of claim 20 wherein a sealing material is affixed to the underside of the first  
16 flange adjacent to the first side of the workpiece.

16 24. (Original)

17 The insert of claim 23 wherein the sealing material comprises polyvinyl chloride foam.

18 25. (Original)

19 A method of attaching fasteners to a workpiece, the workpiece having a first side and a  
20 second side, the method comprising the steps of:

20 punching a hole through the workpiece, the hole having a polygonal cross-section;  
21 attaching a threaded insert to an installation tool, the threaded insert comprising:

21 (a) a first flange for being retained on the first side of the workpiece;

22 (b) a hollow body, comprising a first section and an axially adjacent second  
23 section, the first section comprising a proximal end attached to the first  
24 flange and a distal end wherein the first section integrally transitions into  
25 the second section, said first section comprising a plurality of sides, the  
26 sides extending axially from the proximal end to the distal end, the sides, in  
27 cross-section, defining a polygon having the same cross-sectional shape as  
the hole, said first section adapted to be inserted through and restrained  
from rotation by said hole, at least one of the sides having a split extending

1 axially along the side, said first section plastically deformable to form an  
2 enlarged portion on the second side; and  
3 (c) the second section having internal threads adapted to receive a threaded  
4 fastener;

5 inserting the hollow body of the threaded insert into the hole;  
6 activating the installation tool to create an enlarged portion of the first section of the  
7 threaded insert on the second side;  
8 removing the installation tool; and  
9 inserting a threaded fastener into the threads of the threaded insert.

10 26. (Original)

11 The method of claim 25 wherein the second side is blind.

12 27. (Original)

13 A method of attaching fasteners to a workpiece, the workpiece having a first side and a  
14 second side, the method comprising the steps of:

15 punching a hole through the workpiece, the hole having a polygonal cross-section;  
16 attaching a threaded insert to an installation tool, the threaded insert comprising:

- 17 (a) a first flange for being retained on the first side of the workpiece;  
18 (b) a hollow body, comprising a first section and an axially adjacent second  
19 section, the first section having a proximal end attached to the first flange  
20 and a distal end wherein the first section integrally transitions into the  
21 second section, said first section having six sides, the sides extending  
22 axially from the proximal end to the distal end, the sides, in cross-section,  
23 defining a hexagon, said first section adapted to be inserted through and  
24 restrained from rotation by said hole, at least one of the sides having a split  
25 extending axially along the side, said first section plastically deformable to  
26 form an enlarged portion on the second side; and  
27 (c) the second section having internal threads adapted to receive a threaded  
fastener;

inserting the hollow body of the threaded insert into the hole;  
activating the installation tool to create an enlarged portion of the first section of the  
threaded insert on the second side;  
removing the installation tool; and  
inserting a threaded fastener into the threads of the threaded insert.

28. (Original)

The method of claim 27 wherein the second side is blind.